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TITLE:

System, method and article of manufacture for a table-driven

automated scripting architecture

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INVENTOR-INFORMATION:

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CLAIMS:

What is claimed is:

- 1. A method for providing a table-driven automated scripting architecture comprising the steps of: (a) dividing test script information into a plurality of components, wherein each component comprises one or more words each having a commonly understood meaning; (b) storing the components into a database; (c) parsing one of the components into the one or more words each having a commonly understood meaning; (d) querying the database for the one or more words, wherein for each of the words the database associates a set of one or more computer instructions which, when executed by an automation testing tool causes a computer to perform a function that is related to the commonly understood meaning of the word; (e) retrieving the instruction set corresponding to the word from the database; and (f) performing the function that is related to the commonly understood meaning of the word using the automated testing tool.
- 2. A method as recited in claim 1, wherein the test script information relates to at least one of steps and actions.
 - 3. A method as recited in claim 1, wherein the test scenarios are data-driven.
- 4. A method as recited in claim 1, wherein the test scenarios are developed using an English-based interface.
 - 5. A method as recited in claim 4, wherein the interface is accessed utilizing a network.
 - 6. A method as recited in claim 1, wherein the architecture is a two-tier architecture.
- 7. The method for providing a table-driven automated scripting architecture from claim 1, wherein the word is from the English language.

- 8. The method for providing a table-driven automated scripting architecture from claim 1, wherein the automation testing tool is software developed by MERCURY INTERACTIVE commonly known as WINRUNNER.
- 9. A computer program embodied on a computer readable medium for providing a table-driven automated scripting architecture comprising: (a) a code segment for dividing test script information into a plurality of components, wherein each component comprises one or more words each having a commonly understood meaning; (b) a code segment for storing the components into a database; (c) a code segment for parsing one of the components into the one or more words each having a commonly understood meaning; (d) a code segment for querying the database for the one or more words, wherein for each of the words the database associates a set of one or more computer instructions which, when executed by an automation testing tool causes a computer to perform a function that is related to the commonly understood meaning of the word; (e) a code segment for retrieving the instruction set corresponding to the word from the database; and (f) a code segment for performing the function that is related to the commonly understood meaning of the word using the automated testing tool.
- 10. A computer program as recited in claim 9, wherein the test script information relates to at least one of steps and actions.
 - 11. A computer program as recited in claim 9, wherein the test scenarios are data-driven.
- 12. A computer program as recited in claim 9, wherein the test scenarios are developed using an English-based interface.
 - 13. A computer program as recited in claim 12, wherein interface is accessed via a network.
- 14. A computer program as recited in claim 9, wherein the architecture is a two-tier architecture.
- 15. A system for providing a table-driven automated scripting architecture comprising: (a) logic for dividing test script information into a plurality of components, wherein each component comprises one or more words each having a commonly understood meaning; (b) logic for storing the components into a database; (c) logic for parsing one of the components into the one or more words each having a commonly understood meaning; (d) logic for querying the database for the one or more words, wherein for each of the words the database associates a set of one or more computer instructions which, when executed by an automation testing tool causes a computer to perform a function that is related to the commonly understood meaning of the word; (e) logic for retrieving the instruction set corresponding to the word from the database; and (f) logic for performing the function that is related to the commonly understood meaning of the word using the automated testing tool.
- 16. A system as recited in claim 15, wherein the test script information relates to at least one of steps and actions.
 - 17. A system as recited in claim 15, wherein the test scenarios are data-driven.
- 18. A system as recited in claim 15, wherein the test scenarios are developed using an English-based interface.

- 19. A system as recited in claim 18, wherein interface is accessed via a network.
- 20. A system as recited in claim 15, wherein the architecture is a two-tier architecture.